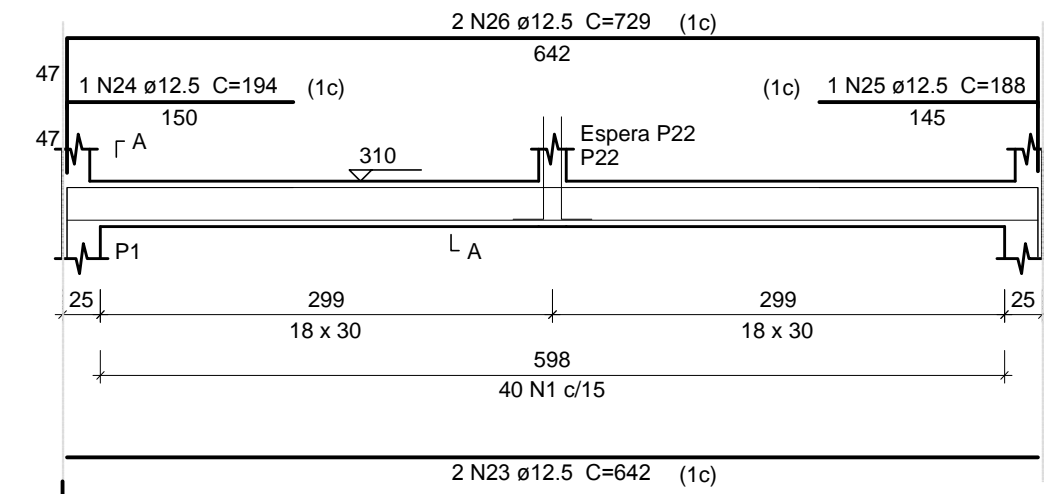


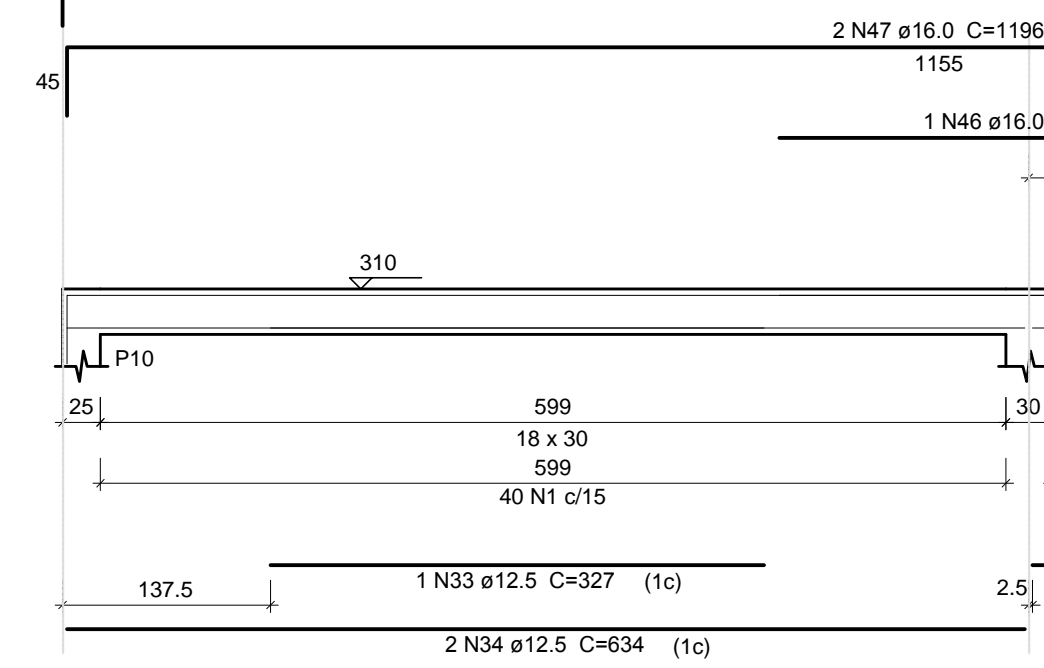
## V201

ESC 1:50



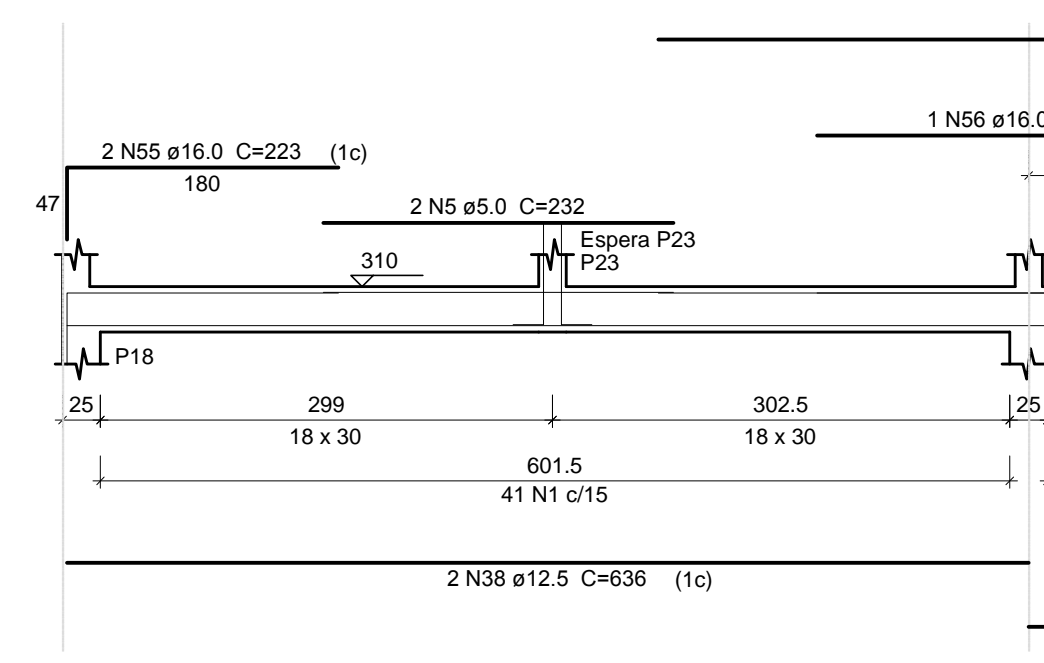
## V204

ESC 1:50



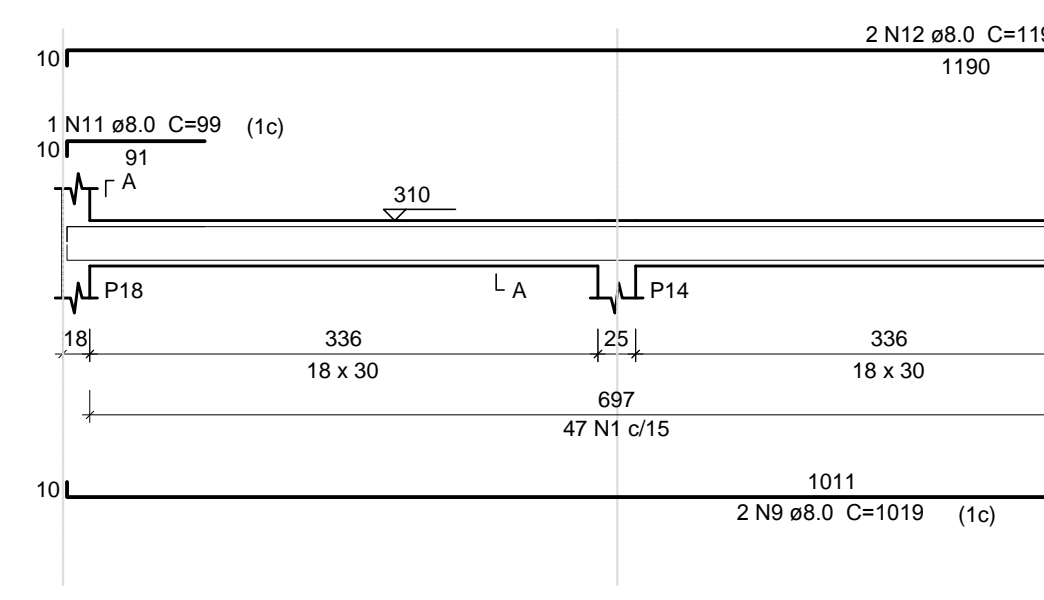
## V206

ESC 1:50



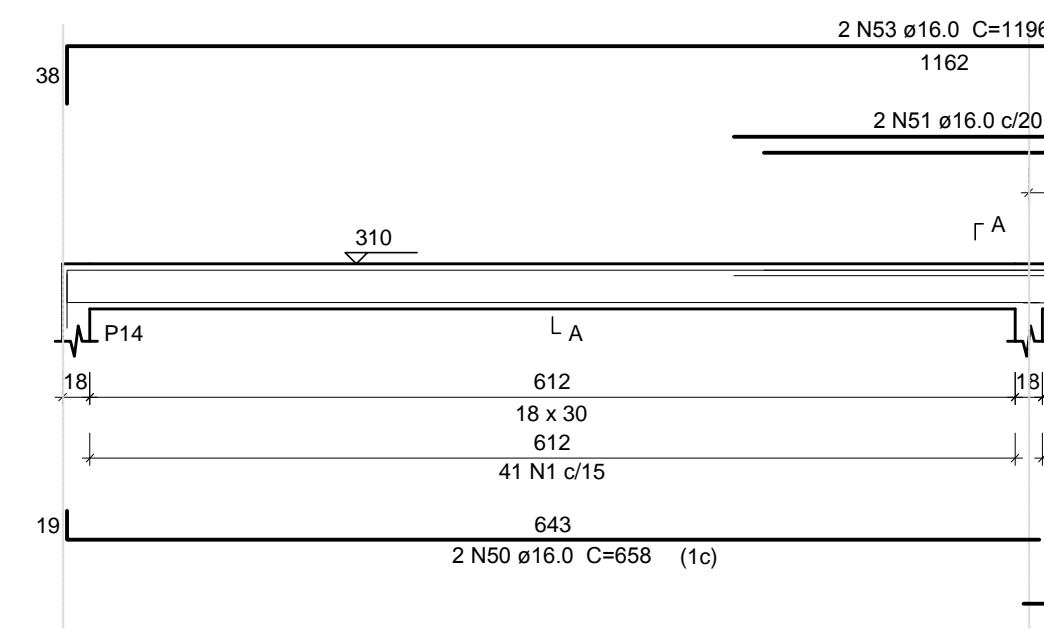
## V207

ESC 1:50



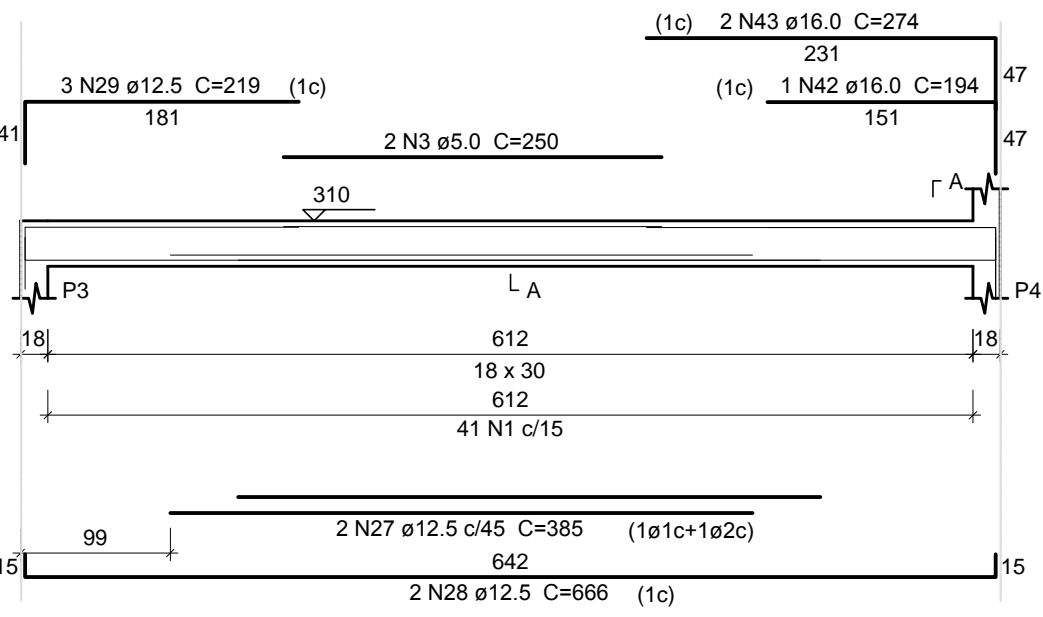
## V205

ESC 1:50



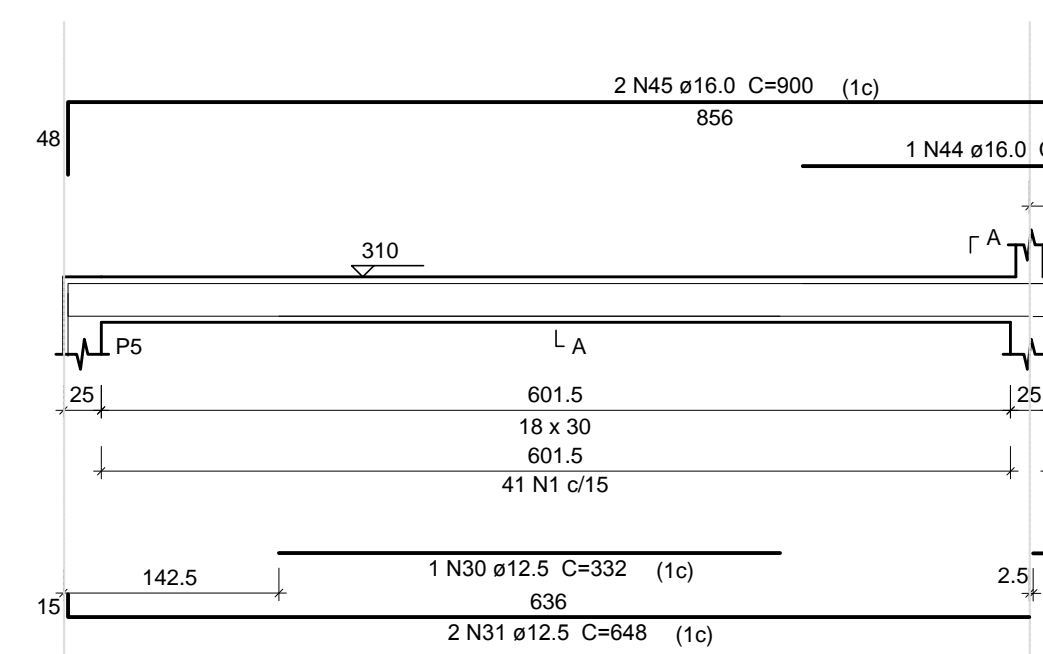
## V202

ESC 1:50



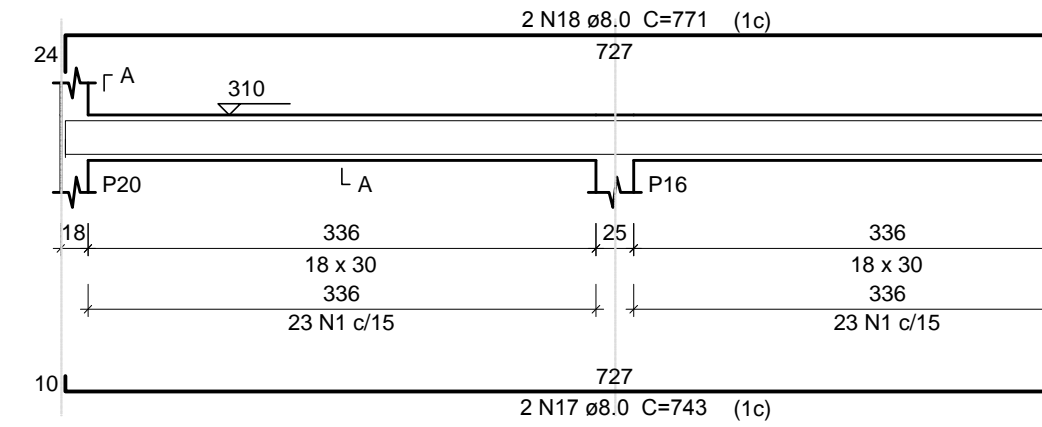
## V203

ESC 1:50



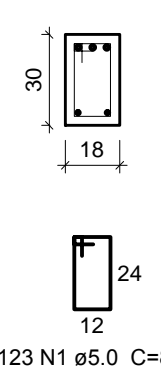
## V209

ESC 1:50



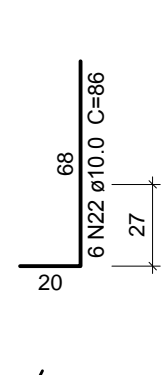
## SEÇÃO A-A

ESC 1:25



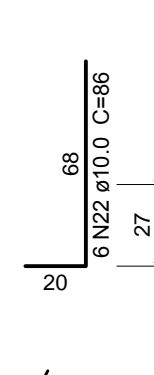
## SEÇÃO A-A

ESC 1:25



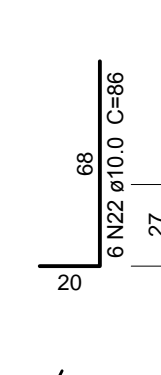
## SEÇÃO A-A

ESC 1:25



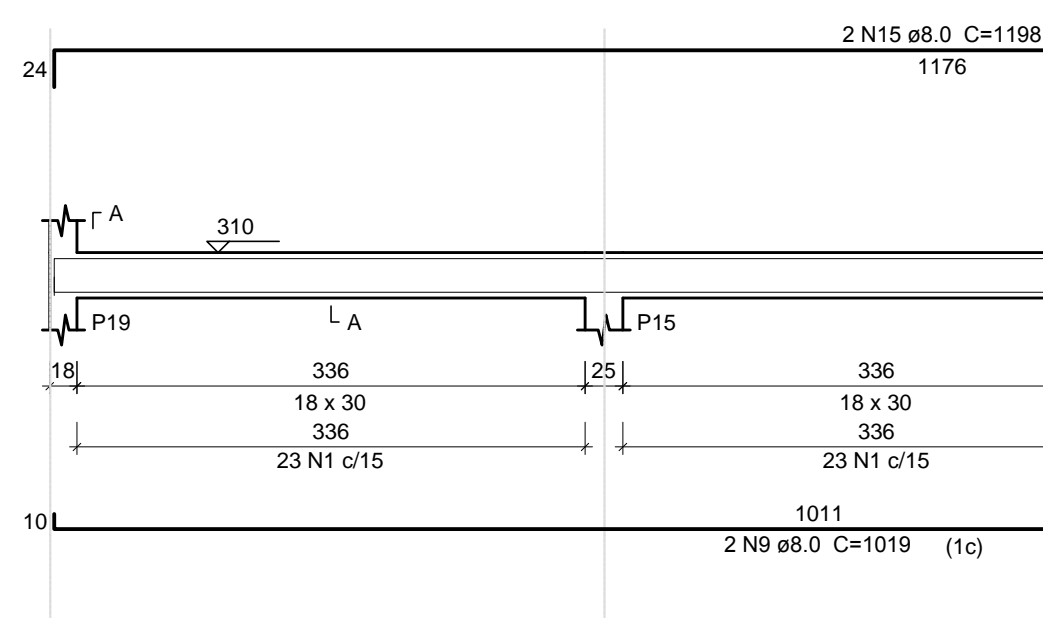
## SEÇÃO A-A

ESC 1:25



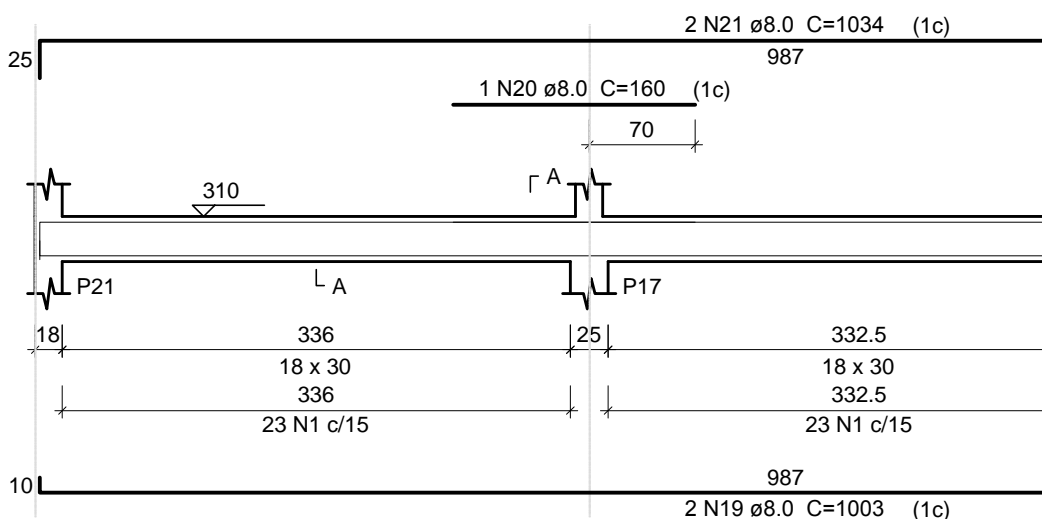
## V208

ESC 1:50



## V210

ESC 1:50



## Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)	AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
V201	1	5.0	899	84	75516	CA50	8.0	243.6	105.7
V205	2	5.0	12	60	720	CA50	10.0	20.7	14
V209	3	5.0	2	250	500	CA50	12.5	199.1	211
	4	5.0	2	220	440	CA50	16.0	186	322.9
	5	5.0	2	232	464	CA50	5.0	780.9	132.4
	6	5.0	2	222	444	CA50	653.6		
	7	8.0	2	805	1610	CA60	132.4		
	8	8.0	2	454	908				
	9	8.0	4	1019	4076				
	10	8.0	4	759	3036				
	11	8.0	99	99	99				
	12	8.0	2	1198	2396				
	13	8.0	2	601	1202				
	14	8.0	1	165	165				
	15	8.0	2	1198	2396				
	16	8.0	2	605	1210				
	17	8.0	2	743	1486				
	18	8.0	2	771	1542				
	19	8.0	2	1003	2006				
	20	8.0	1	160	160				
	21	8.0	2	1034	2068				
	22	10.0	24	86	2064				
	23	12.5	2	642	1284				
	24	12.5	1	194	194				
	25	12.5	1	188	188				
	26	12.5	2	729	1458				
	27	12.5	2	385	770				
	28	12.5	2	666	1332				
	29	12.5	3	219	657				
	30	12.5	1	332	332				
	31	12.5	4	648	2592				
	32	12.5	2	1077	2154				
	33	12.5	1	327	327				
	34	12.5	2	634	1268				
	35	12.5	2	628	1256				
	36	12.5	1	335	335				
	37	12.5	2	637	1274				
	38	12.5	4	636	2544				
	39	12.5	2	630	1260				
	40	12.5	1	171	171				
	41	12.5	2	256	512				
	42	16.0	1	194	194				
	43	16.0	2	274	548				
	44	16.0	1	270	270				
	45	16.0	2	900	1800				
	46	16.0	2	325	650				
	47	16.0	2	1196	2392				
	48	16.0	2	517	1034				
	49	16.0	2	186	372				
	50	16.0	4	658	2632				
	51	16.0	2	350	700				
	52	16.0	2	320	640				
	53	16.0	2	1196	2392				
	54	16.0	2	890	1780				
	55	16.0	2	223	446				
	56	16.0	1	280	280				
	57	16.0	1	290	290				
	58	16.0	2	1090	2180				

Volume de concreto (fck=25MPa) = 7.6 m³  
Área de forma = 109.75 m²